

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>WO 41770</b>	<b>FOR FURTHER ACTION</b> <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. <b>PCT/IB2004/002304</b>	International filing date (day/month/year) <b>16/07/2004</b>	(Earliest) Priority Date (day/month/year) <b>18/07/2003</b>
Applicant <b>TOYOTA JIDOSHA KABUSHIKI KAISHA</b>		
<p>This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.</p> <p>This International Search Report consists of a total of <u>3</u> sheets.</p> <p><input checked="" type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.</p>		
<p>1. Basis of the report</p> <p>a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p><input type="checkbox"/> The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).</p> <p>b. <input type="checkbox"/> With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.</p> <p>2. <input type="checkbox"/> Certain claims were found unsearchable (See Box II).</p> <p>3. <input type="checkbox"/> Unity of invention is lacking (see Box III).</p> <p>4. With regard to the title,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established by this Authority to read as follows:</p>		
<p>5. With regard to the abstract,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> <p>6. With regards to the drawings,</p> <p>a. the figure of the drawings to be published with the abstract is Figure No. <u>1</u></p> <p><input type="checkbox"/> as suggested by the applicant.</p> <p><input checked="" type="checkbox"/> as selected by this Authority, because the applicant failed to suggest a figure.</p> <p><input type="checkbox"/> as selected by this Authority, because this figure better characterizes the invention.</p> <p>b. <input type="checkbox"/> none of the figures is to be published with the abstract.</p>		

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F15B20/00 F15B11/024

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F15B F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/121087 A1 (CASSE CHRISTOPHE LIONEL RENE ET AL) 5 September 2002 (2002-09-05) paragraphs '0032! - '0050!; figures 1-4	1-4, 15-18
A	GB 2 318 426 A (ULTRONICS LIMITED ; ULTRA HYDRAULICS LTD (GB)) 22 April 1998 (1998-04-22) abstract; figure 1	5,19-21
A	GB 2 053 419 A (SINGER CO UK LTD) 4 February 1981 (1981-02-04) abstract; figure 1	1,15
A	US 6 193 627 B1 (BART JOERG) 27 February 2001 (2001-02-27) abstract; figures 2-4	1,15 1,6-15, 22,23



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents :

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- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

19 October 2004

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27/10/2004

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
/IB2004/002304

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
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